

ABSTRACT

The regional library and archives Yogyakarta special region is the internal parts of government agencies who moving on library and archives area. Under sub division of the regional library and archives service Yogyakarta special region having two units library that provides many books collection and journal in physical to improve knowledges civitas academic and general public.

But still hampered time and place. Expected with this information retrieval will facilitate civitas academic and general public in obtaining e-book information and e-journal more efficiently.

Methods used in design and manufacture of this application is waterfall consisting of six steps : engineering, analysis, design, coding, testing and maintenance. But this application only up to testing stage. This application was built using CakePHP framework as the programming language and MySQL as database.

At this final project has been made information retrieval application for digital library search based on the level similarity using Extended Boolean Method. This application expected to help civitas academic and general public to ease searching digital libraries in the form of e-book and e-journal effectively, certain and relevant.

Keyword : Information Retrieval, Extended Boolean, E-book, E-journal.